

# PATENT ABSTRACTS OF JAPAN

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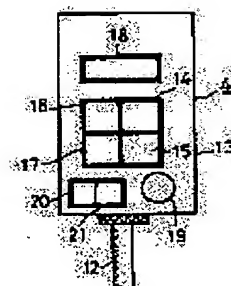
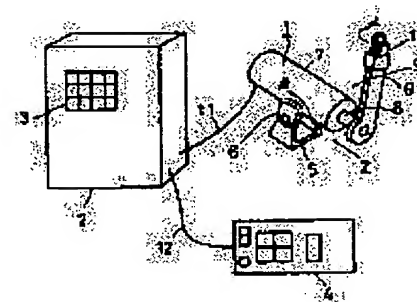
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## (54) TEACHING DEVICE OF NUMERICAL CONTROL ROBOT

### (57)Abstract:

**PURPOSE:** To obtain a teaching device of a numerical control robot with excellent operability, by deriving a numerical control variable, and providing a subteaching device provided with each switch of increase, decrease, write, advance and return, which are indicated to the robot.

**CONSTITUTION:** In a computer COM of a control panel 2, operation procedures of a robot 1, and each initial position of a direction Z of a rod 8 and a direction  $\theta$  of an arm 9 are written in advance by a teaching device 3. The robot 1 is operated by 1 operation step each by depressing an advance switch SW14, and the arm 9 is moved in the axial direction. In this state, a position in the direction Z of the rod 8 is decided so that the arm 9 comes to the optimum position, by depressing an increase SW16 or a decrease switch 17, and the position in the direction Z is stored in the COM by depressing a write switch 18. Subsequently, the robot 1 is operated and moved backward to a necessary position by 1 operation quantity each by depressing a return SW15, and when the SW14 is depressed again, it can be confirmed that the rod 8 moves forward and stops at the stored optimum position. Subsequently, the arm 9 is rotated in the direction  $\theta$  by depressing the SW14, by which the optimum position is decided.



## LEGAL STATUS

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